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Substitute for form 1449A/PTO		<b>TECH CENTER 1600/2900</b>		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Application Number</b>		09/626,096	
		<b>Filing Date</b>		July 26, 2000	
		<b>First Named Inventor</b>		Umek, R.	
		<b>Group Art Unit</b>		1645	
		<b>Examiner Name</b>		Not Yet Assigned	
(use as many sheets as necessary)		<b>Attorney Docket Number</b>		A-68271-2/RFT/RMS/RMK	
<b>Sheet</b>	1	<b>of</b>	11		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/HC/	1	4,707,352		Stavrianopoulos	11/1987	
	2	4,707,440		Stavrianopoulos	11/1987	
	3	4,711,955		Ward et al.	12/1987	
	4	4,755,458		Rabbani et al.	7/1988	
	5	4,840,893		Hill et al.	6/1989	
	6	4,849,513		Smith et al.	7/1989	
	7	4,868,103		Stavrianopoulos et al.	9/1989	
	8	4,894,325		Englehardt et al.	1/1990	
	9	4,943,523		Stavrianopoulos	7/1990	
	10	4,952,685		Stavrianopoulos	8/1990	
	11	4,994,373		Stavrianopoulos	2/1991	
	12	5,002,885		Stavrianopoulos	3/1991	
	13	5,013,831		Stavrianopoulos	5/1991	
	14	5,082,830		Brakel et al.	1/1992	
	15	5,175,269		Stavrianopoulos	12/1992	
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/HC/	18	5,312,527		Mikkelsen et al.	5/1994	

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/HC/	19	EP	0 234 938	A2	Cranfield Inst. of Tech.	2/1987		
	20	EP	0 229 943	B1	Molecular Biosystems Inc.	7/1987		
	21	EP	0 599 337	A2	Canon Kabushiki Kaisha	1/1994		
	22	EP	0 063 879	A2	Yale University	11/1982		
	23	EP	0 515 615		Boehringer Mannheim	9/1996		
	24	CA	2 090 904	A1	F. Hoffman-La Roche	9/1993		
	25	JP	238,166	A	Mitsubishi Corp.	1988	abstract	
/HC/	26	JP	6-41183	A2	Mitsubishi Corp.	1994		

<b>Examiner Signature</b>	/Heather Calamita/	<b>Date Considered</b>	11/16/2010
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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/626,096
		Filing Date	July 26, 2000
		First Named Inventor	Umck, R.
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned
Sheet 2 of 11	Attorney Docket Number	A-68271-2/RFT/RMS/RMK	

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/HC/	27	5,328,824		Ward et al.	7/1994	
	28	5,403,451		Riviello et al.	4/1995	
	29	5,449,767		Ward et al.	9/1995	
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/HC/	44	5,776,672		Hashimoto et al.	7/1998	

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/HC/	45	WO	86/05815	A1	Genetics International Inc.	3/1985		
	46	WO	90/05732	A1	Columbia Univ.	5/1990		
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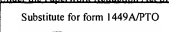
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		Filing Date		July 26, 2000	
		First Named Inventor		Umek, R.	
		Group Art Unit		1645	
		Examiner Name		Not Yet Assigned	
Sheet 3 of 11		Attorney Docket Number		A-68271-2/RFT/RMS/RMK	

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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/HC/	59	WO	97/01646	A2	Univ. of N. Carolina	1/1997		
	60	WO	97/44651	A1	AU Membrane and Biotech.	11/1997		
	61	WO	97/27329	A1	Univ. of Chicago	7/1997		
	62	WO	98/20162	A2	Clinical Micro Systems	5/1998		
	63	WO	98/27229	A1	Univ. of Chicago	6/1998		
	64	WO	98/28444	A2	Univ. of Chicago	7/1998		
	65	WO	98/35232	A2	Univ. of N. Carolina	8/1998		
	66	WO	98/57159	A1	Clinical Micro Systems	6/1997		
	67	WO	99/37819	A2	Clinical Micro Systems	1/1998		
	68	WO	99/67425	A2	Clinical Micro Systems	12/1999		
/HC/	69	WO	99/14596	A1	AB Sangtec Medical	3/1999		

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Substitute for Form 1449B (08-00)		TECH CENTER 1600/2900		<b>Complete if Known</b>	
<h2>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p>(use as many sheets as necessary)</p>				Application Number	09/626,096
				Filing Date	July 26, 2000
				First Named Inventor	Umek, R.
				Group Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	4	of	11	Attorney Docket Number	A-68271-2/RFT/RMS/RMK

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/HC	70	Aizawa et al., "Integrated Molecular Systems for Biosensors," Sensors and Actuators B, B@\$(Nos 1/3) Part 1:1-5 (March 1995).	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAY 25 2003 (use many sheets as necessary)

Sheet	5	of	11
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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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/HC	87	Chang, I-Jy, et al., "High-Driving-Force Electron Transfer in Metalloproteins: Intramolecular Oxidation of Ferrocyclochrom c by Ru(2,2'-bpy) <sub>3</sub> (im)(His-33) <sup>3+</sup> ," <i>J. Am. Chem. Soc.</i> , 113:7056-7057 (1991).	
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/HC/	103	Durham, B., et al., "Photoinduced Electron-Transfer Kinetics of Singly Labeled Ruthenium Bis(bipyridine) Dicarboxybipyridine Cytochrome c Derivatives," <i>Biochemistry</i> , 28:8659-8665 (1989).	
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/HC/	119	Hegner, et al., "Immobilizing DNA on gold via thiol modification for atomic force microscopy imaging in buffer solutions," <i>FEBS</i> 336(3):452-456 (1993).	

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		Filing Date	July 26, 2000
		First Named Inventor	Umek, R.
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned
Attorney Docket Number	A-68271-2/RFT/RMS/RMK		

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		Applicant Number 09/626,096	
		Filing Date July 26, 2000	
		First Named Inventor Umek, R.	
		Group Art Unit 1645	
Examiner Name Not Yet Assigned		Attorney Docket Number A-68271-2/RFT/RMS/RMK	

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		Filing Date	July 26, 2000
		First Named Inventor	Umck, R.
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		Examiner Name	Not Yet Assigned
Sheet 9	of 11	Attorney Docket Number	A-68271-2/RFT/RMS/RMK

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		Filing Date	July 26, 2000
		First Named Inventor	Umck, R.
		Group Art Unit	1645
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